Attorney Docket No.: 2102487-991270

DECLARATION AND POWER OF ATTORNEY

DECLARATION:

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe, I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter, which is claimed and for which a patent is sought on the invention entitled:

PHASE INTERPOLATOR AND RECEIVER

` ` `	one tem below).
is attached hereto.	
X as filed as United States Serial No.	s Application on August 4, 2003

the enecification of which (check only one item helow).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:					
Country (If PCT, indicate PCT)	Application Number	Date Filed	Priority Claimed (Yes/No)		
Japan	P2003-86293	March 26, 2003	Yes		

Attorney Docket No.: 2102487-991270

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATION BENEFIT UNDE			NATIONAL APPLICAT	IONS DESIG	NATING T	THE U.S.
U.S. APPLICATIONS			STATUS (check one)			
U.S. APPLICATION NUMBER		. (J.S. FILING DATE	PATENTED	PENDING	ABANDONED
• .						
PCT APPL	ICATIONS D	ESIGNATIN	NG THE U.S.			
PCT APPLICATION NO.	PCT FILING	DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)			
. ,						

I hereby declare that all statements made of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Attorney Docket No.: 2102487-991270

POWER OF ATTORNEY:

As a named inventor(s), I hereby appoint the following attorney(s) and/or agent(s) with full power of substitution to act exclusively to prosecute this application and transact all business in the U.S. Patent and Trademark Office connected therewith:

Practitioners at Customer Number: 26379

All correspondence should be addressed to:

EDWARD B. WELLER GRAY CARY WARE & FREIDENRICH Attn: Patent Group 2000 University Avenue East Palo Alto, CA 94303-2248

All telephone calls should be directed to:

Edward B. Weller, telephone number (650) 833-2436.

Inventor's Full Name:	MIDORI TAKANO
Inventor's Signature:	
Date:	
Residence: (City, State and/or country)	
Citizenship:	Japan
Post Office Address:	c/o Intellectual Property Division, Toshiba Corporation 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan